

=> d his

(FILE 'HOME' ENTERED AT 13:55:06 ON 13 NOV 2007)

FILE 'REGISTRY' ENTERED AT 13:55:18 ON 13 NOV 2007

L1 SCREEN 2040 AND 1842 AND 2022 AND 1993 AND 1950
L2 STRUCTURE UPLOADED
L3 QUE L2 AND L1
L4 0 S L3
L5 0 S L3 FULL
L6 SCREEN 1842 AND 2022 AND 1993 AND 1950
L7 STRUCTURE UPLOADED
L8 QUE L7 AND L6
L9 0 S L8
L10 0 S L8 FULL
L11 SCREEN 2040 AND 1842 AND 1993
L12 STRUCTURE UPLOADED
L13 QUE L12 AND L11
L14 0 S L13
L15 0 S L13 FULL

=> d stat que

L11 SCR 2040 AND 1842 AND 1993
L12 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L15 0 SEA FILE=REGISTRY SSS FUL L12 AND L11

100.0% PROCESSED 1849 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

=> log y

Interference Search
11/13/07
[Signature]

=> Testing the current file.... screen

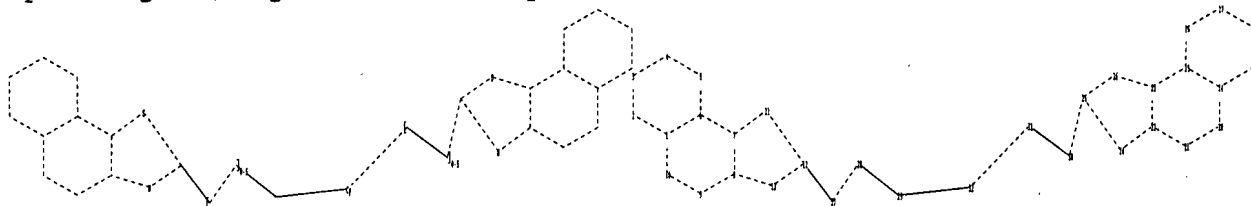
ENTER SCREEN EXPRESSION OR (END):end

=> screen 2040 AND 1842 AND 2022 AND 1993 AND 1950

L1 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10680338b.str



chain nodes :

27 28 29 30 31 32

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
24 25 26

chain bonds :

12-27 25-30 27-28 28-29 29-32 30-31 31-32

ring bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-13 9-10 11-12 12-13
14-15 14-19 14-20 15-16 15-23 16-17 17-18 18-19 20-21 21-22 22-23 22-24
23-26 24-25
25-26

exact/norm bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-13 9-10 11-12 12-13
14-15 14-19 14-20 15-16 15-23 16-17 17-18 18-19 20-21 21-22 22-23 22-24
23-26 24-25
25-26 25-30 27-28 29-32 31-32

exact bonds :

12-27 28-29 30-31

isolated ring systems :

containing 14 :

G1:N,Se

G2:C,O,S,N,Se

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom

22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:CLASS 29:CLASS 30:CLASS
31:CLASS 32:Atom

Generic attributes :

32:

Type of Ring System : Monocyclic

L2 STRUCTURE UPLOADED

=> que L2 AND L1

L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 2040 AND 1842 AND 2022 AND 1993 AND 1950

L2 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> s l3

SAMPLE SEARCH INITIATED 13:55:35 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 452 TO ITERATE

100.0% PROCESSED 452 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 7765 TO 10315

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L2 AND L1

=> s l3 full

FULL SEARCH INITIATED 13:55:42 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 8952 TO ITERATE

100.0% PROCESSED 8952 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L5 0 SEA SSS FUL L2 AND L1

=> Testing the current file.... screen

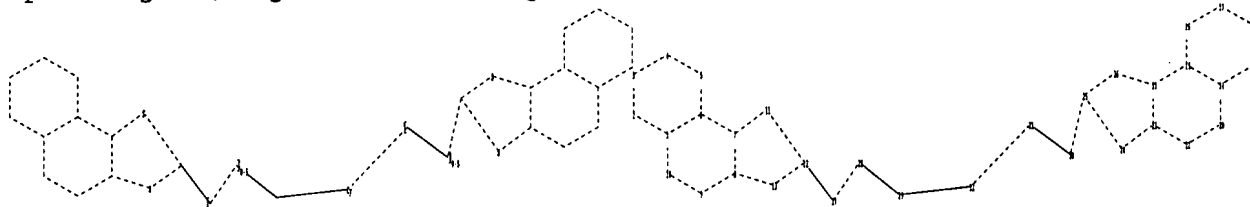
ENTER SCREEN EXPRESSION OR (END):end

=> screen 1842 AND 2022 AND 1993 AND 1950

L6 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10680338b.str



chain nodes :

27 28 29 30 31 32

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
24 25 26

chain bonds :

12-27 25-30 27-28 28-29 29-32 30-31 31-32

ring bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-13 9-10 11-12 12-13
14-15 14-19 14-20 15-16 15-23 16-17 17-18 18-19 20-21 21-22 22-23 22-24
23-26 24-25
25-26

exact/norm bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-13 9-10 11-12 12-13
14-15 14-19 14-20 15-16 15-23 16-17 17-18 18-19 20-21 21-22 22-23 22-24
23-26 24-25
25-26 25-30 27-28 29-32 31-32

exact bonds :

12-27 28-29 30-31

isolated ring systems :

containing 14 :

G1:N,Se

G2:C,O,S,N,Se

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom
22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:CLASS 29:CLASS 30:CLASS
31:CLASS 32:Atom

Generic attributes :

32:

Type of Ring System : Monocyclic

L7 STRUCTURE UPLOADED

=> que L7 AND L6

L8 QUE L7 AND L6

=> d

L8 HAS NO ANSWERS

L6 SCR 1842 AND 2022 AND 1993 AND 1950

L7 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L8 QUE ABB=ON PLU=ON L7 AND L6

=> s l8

SAMPLE SEARCH INITIATED 13:56:44 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 575 TO ITERATE

100.0% PROCESSED 575 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 10062 TO 12938

PROJECTED ANSWERS: 0 TO 0

L9 0 SEA SSS SAM L7 AND L6

=> s l8 full

FULL SEARCH INITIATED 13:56:49 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 11171 TO ITERATE

100.0% PROCESSED 11171 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L10 0 SEA SSS FUL L7 AND L6

=> Testing the current file.... screen

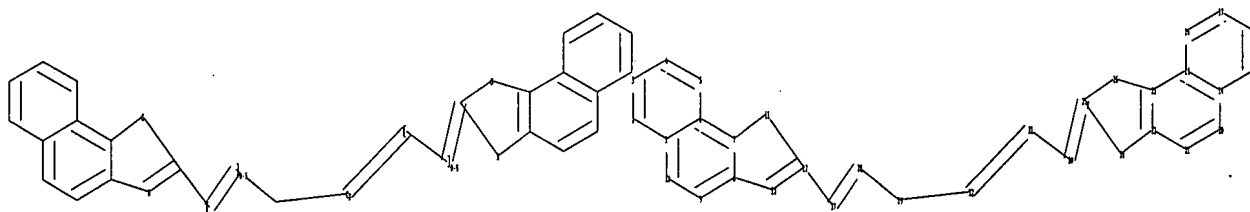
ENTER SCREEN EXPRESSION OR (END):end

=> screen 2040 AND 1842 AND 1993

L11 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10680338updated.str



chain nodes :

27 28 29 30 31 32

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

24 25 26

chain bonds :

12-27 25-30 27-28 28-29 29-32 30-31 31-32

ring bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-13 9-10 11-12 12-13
14-15 14-19 14-20 15-16 15-23 16-17 17-18 18-19 20-21 21-22 22-23 22-24
23-26 24-25

25-26

exact/norm bonds :

7-11 8-13 11-12 12-13 22-24 24-25 29-32 31-32

exact bonds :

12-27 23-26 25-26 25-30 27-28 28-29 30-31

normalized bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 9-10 14-15 14-19 14-20 15-16
15-23 16-17 17-18 18-19 20-21 21-22 22-23

isolated ring systems :

containing 14 :

G1:N,Se

G2:C,O,S,N,Se

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom

20:Atom 21:Atom

22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:CLASS 28:CLASS 29:CLASS 30:CLASS

31:CLASS 32:Atom

Generic attributes :

32:

Type of Ring System : Monocyclic

L12 STRUCTURE UPLOADED

=> que L12 AND L11

L13 QUE L12 AND L11

=> d

L13 HAS NO ANSWERS

L11 SCR 2040 AND 1842 AND 1993

L12 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L13 QUE ABB=ON PLU=ON L12 AND L11

=> s l13

SAMPLE SEARCH INITIATED 13:57:36 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 86 TO ITERATE

100.0% PROCESSED 86 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1164 TO 2276

PROJECTED ANSWERS: 0 TO 0

L14 0 SEA SSS SAM L12 AND L11

=> s l13 full

FULL SEARCH INITIATED 13:57:40 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1849 TO ITERATE

100.0% PROCESSED 1849 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L15 0 SEA SSS FUL L12 AND L11